

In the specification:

◊◊ Please replace the second complete paragraph on page 45 with the following:

In an exemplary embodiment, portions of the 5' flanking region of the human Shh gene are amplified using primers which ass restriction sites, to generate the following fragments

5' - ggcgcgttcgaaGCGAGGCAGCCAGCGAGGGAGAGAGCGAGCGGGCGAGCCGGAG
CGAGGAAatcgatgcgcgc (primer 1) SEQ ID NO:23

5' – ggcgcagatctGGGAAAGCGCAAGAGAGAGCGCACACGCACACACCCGCCGCG
CACTCGggatccgcgcgc (primer 2) SEQ ID NO:24

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◊◊ Please replace the first complete paragraph on page 46 with the following:

Individual colonies are selected, cut with AsuII and BamHI, and the size of the AsuII/BamHI fragment determined. Colonies in which both the primer 1 and primer 2 sequences are correctly inserted are further amplified, ~~an~~ and cut with AsuII and BamHI to produce the gene activation construct

cgaaggcaggcagccagcgaggagagcgagcggcgagccggagcgaggaaATCGAAGGTTGAATCCTTC
CCCCACCACCATCACTTCAAAAGTCCGAAAGAATCTGCTCCCTGCTTGTGTGTTGG
AGGTCGCTGAGTAGTGCGCGAGTAAAATTAAACCTACAACAAGGCAAGGCTTGACC
GACAATTGCATGAAGAACATCTGCTTAGGGTTAGGCCTTGCGCTGCTCGCGATGTA
CGGGCCAGATATACGCGTTGACATTGATTATTGACTAGTTATTAAATAGTAATCAATT
ACGGGGTCATTAGTTCATAGCCATATATCGAGTTCCGCGTTACATAACTACGGTA
AATGGCCCGCCTGGCTGACCGCCCAACGACCCCCGCCATTGACGTCAATAATGAC
GTATGTTCCCAGTAACGCCAATAGGGACTTCCATTGACGTCAATGGGTGGACTA
TTTACGGTAAACTGCCACTTGGCACTACATCAAGTGTATCATATGCCAAGTACGCC
CCCTATTGACGTCAATGACGGTAAATGGCCCGCCTGGCATTATGCCAGTACATGAC
CTTATGGACTTCCTACTTGGCAGTACATCTACGTATTAGTCATCGCTATTACCATG
GTGATGCGGTTTGGCAGTACATCAATGGCGTGGATAGCGGTTGACTCACGGGGA
TTTCCAAGTCTCCACCCATTGACGTCAATGGGAGTTGGCACCAAATCAA
CGGGACTTTCCAAAATGTCGTAACAACCTCCGCCATTGACGCAAATGGCGGTAG

GCGTGTACGGTGGGAGGTCTATATAAGCAGAGCTCTGGCTAACTAGAGAACCA
CTGCTTACTGGCTTATCGAAATTAAATACGACTCACTATAGGGAGACCCAAGCTGGT
ACCGAGCTCGGATCgatctggaaagcgcaagagagagcgcacacacccgcgcgcactcg (SEQ ID
NO: 25).